

FIG. 1  
(Prior Art)

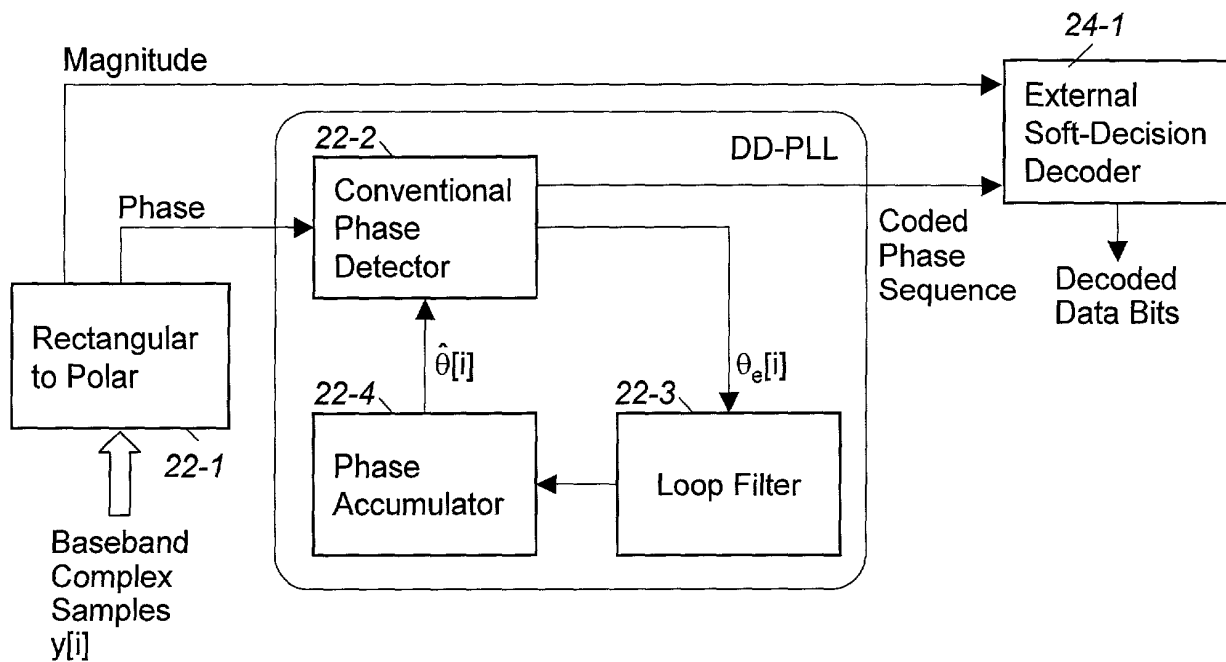


FIG. 2

Improved decision directed phase locked loop with the soft-decision decoder inside the phase detector

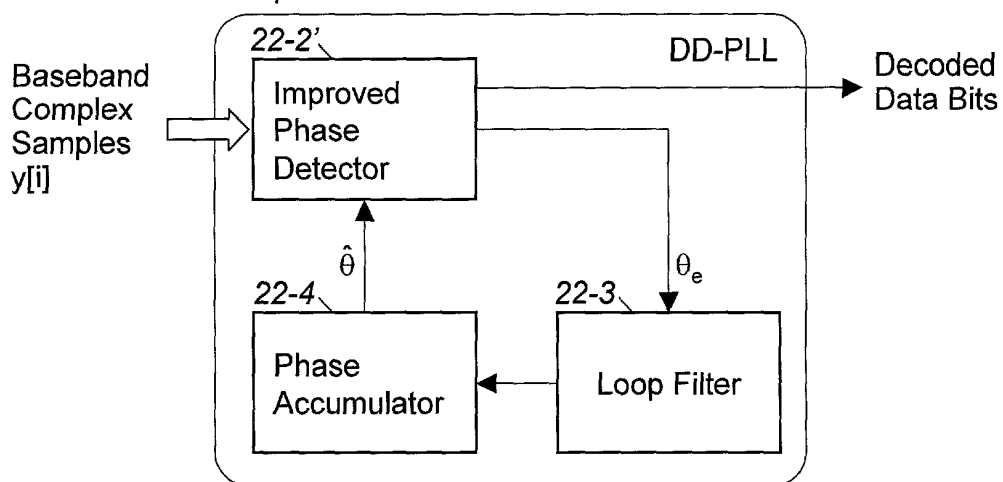
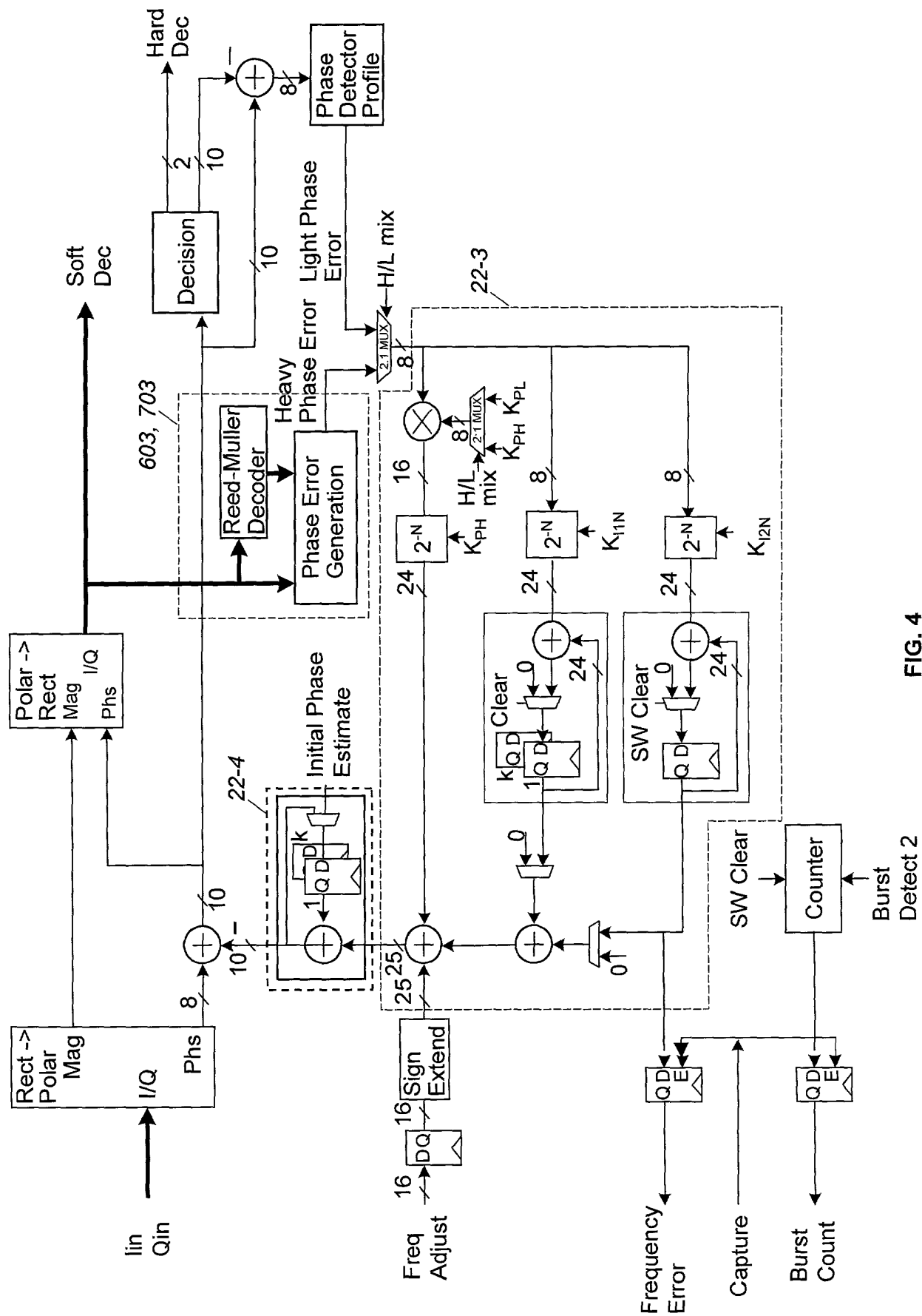


FIG. 3



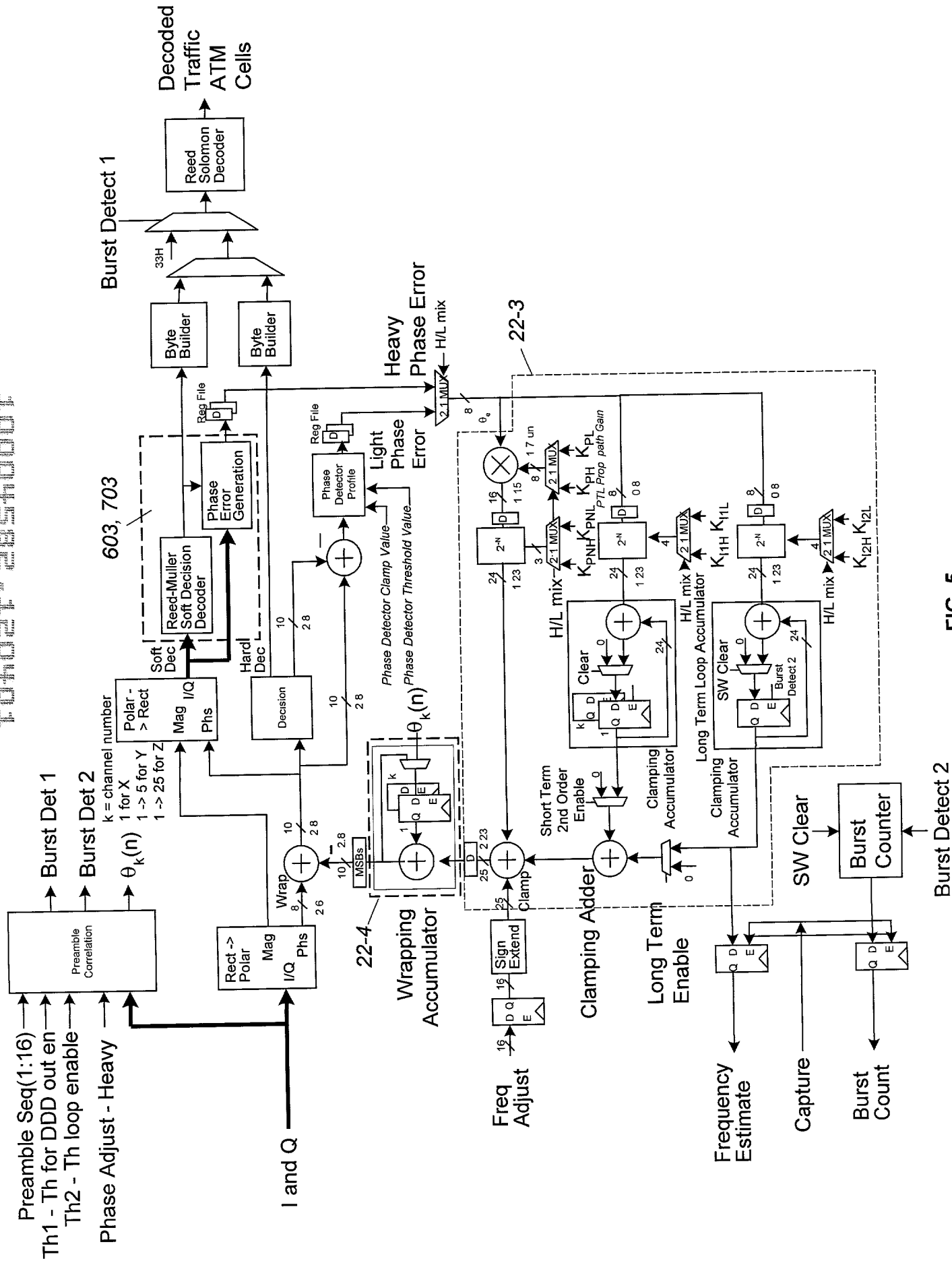


FIG. 5

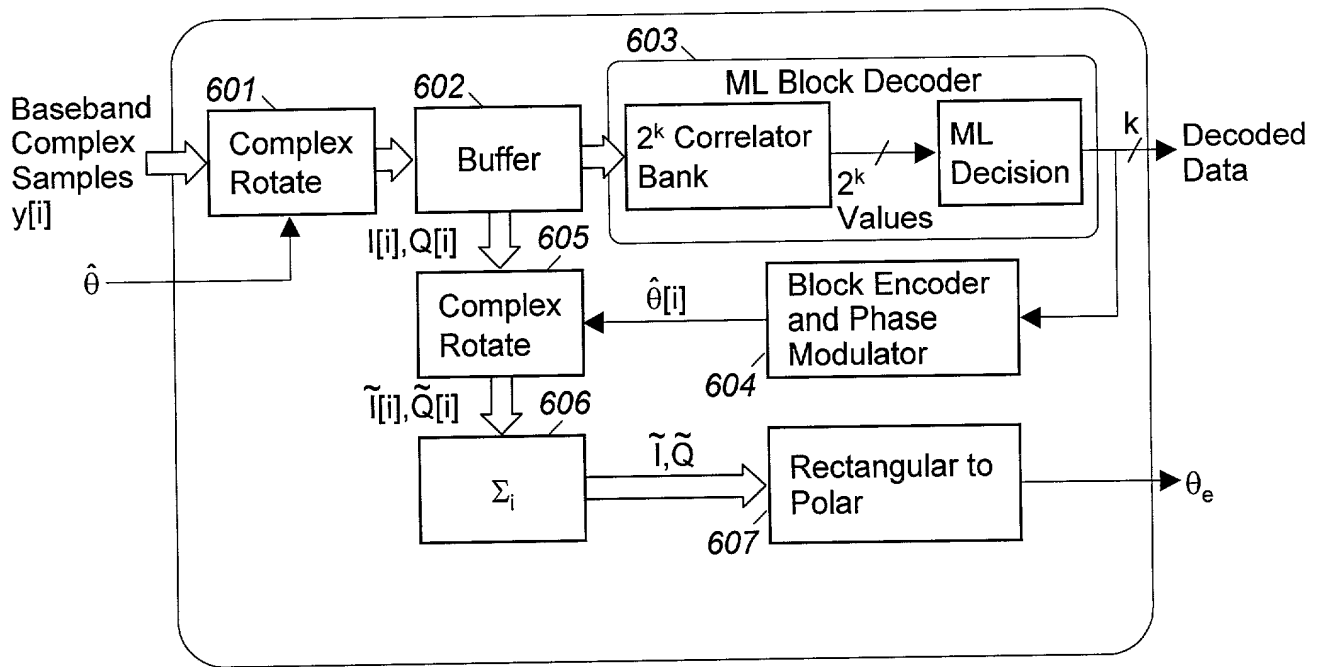


FIG. 6

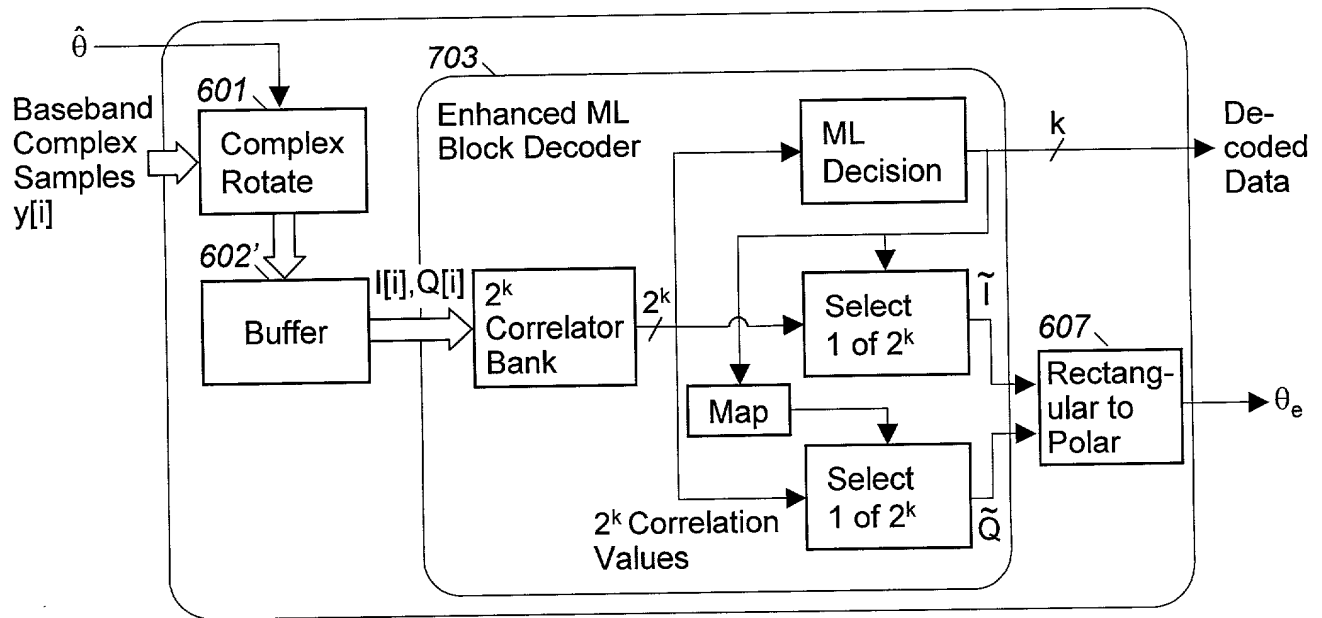


FIG. 7

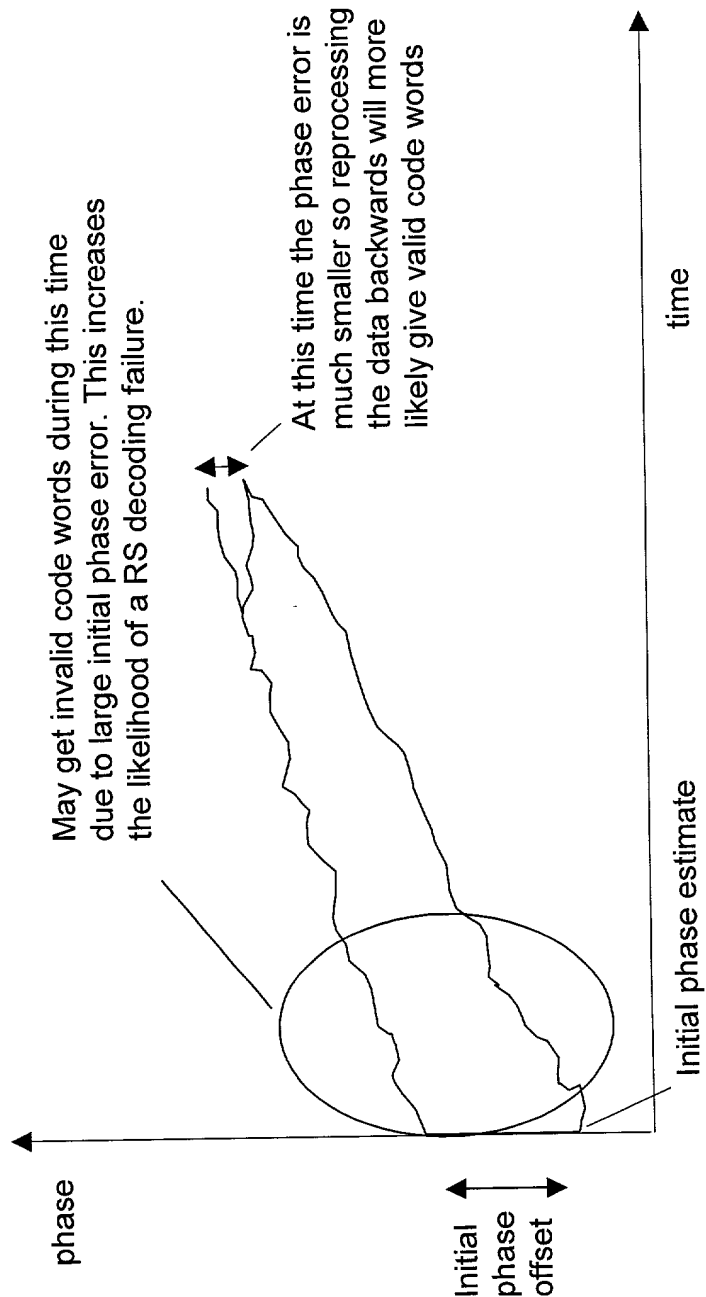


FIG. 8